

9.0 LIST OF ACRONYMS

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3	AAS	Allison Avoidance System
4	ABAG	Association of Bay Area Governments
5	ADT	Average Daily Traffic
6	AF	Accumulation Factor
7	AFFF	Aqueous Film-Forming Foam
8	AIChE	American Institute of Chemical Engineers
9	ANS	Alaskan North Slope
10	AT&SF	Atchison Topeka and Santa Fe
11	BAAQMD	Bay Area Air Quality Management District
12	BAPL	Bay Area Pipeline
13	BCDC	Bay Conservation and Development Commission
14	BMP	Best Management Practice
15	BRAC	Base Realignment and Closure Act
16	CAA	Clean Air Act
17	Cal EPA	California Environmental Protection Agency
18	CAP	Clean Air Plan
19	Caltrans	California Department of Transportation
20	CARB	California Air Resources Board
21	CCAA	California Clean Air Act
22	CCC	California Coastal Commission
23	CCR	California Code of Regulations
24	CDFG	California Department of Fish and Game
25	CDHS	California Department of Health Services
26	CDMG	California Division of Mines and Geology
27	CEQA	California Environmental Quality Act
28	CFR	Code of Federal Regulations
29	CNEL	Community Noise Equivalent Level
30	Corps	U.S. Army Corps of Engineers
31	CRHR	California Register of Historical Resources
32	CRWQCB	California Regional Water Quality Control Board
33	CSLC	California State Lands Commission
34	CWA	Clean Water Act
35	CZARA	Coastal Zone Act Reauthorization Amendments of 1990
36	DCMA	Double Counter-Weighted Marine Arms
37	DHS	Department of Health Services
38	DMMO	Dredged Material Management Office
39	DOD	U.S. Department of Defense
40	DOI	U.S. Department of the Interior
41	DWT	Dead Weight Tonnage
42	DWTL	Deep Water Traffic Lane
43	EBRPD	East Bay Regional Parks District
44	EDD	Employment Development Department
45	EEZ	Exclusive Economic Zone
46	EIR	Environmental Impact Report

1	EIS	Environmental Impact Statement
2	EPA	U.S. Environmental Protection Agency
3	ERD	Emission Reduction Device
4	ERL	Effects Range Low
5	ERM	Effects Range Median
6	ESD	Emergency Shutdown
7	FHWA	Federal Highway Administration
8	FIP	Federal Implementation Plan
9	FRA	Federal Railroad Administration
10	GGNRA	Golden Gate National Recreation Area
11	GIS	Geographic Information System
12	HAZOP	Hazard and Operability Study
13	HUD	U.S. Department of Housing and Urban Development
14	IGS	Inert Gas System
15	IMO	International Maritime Organization
16	LCP	Local Coastal Program
17	LFSO	Low Sulfur Fuel Oil
18	LOS	Level of Service
19	LRA	Local Reuse Authority
20	LTMS	Long-Term Management Strategy
21	LUDP	Land Use Development Plan
22	MHHW	Mean Higher High Water
23	MISA	Marine Invasive Species Act
24	MLLW	Mean Lower Water Level
25	MOTEMS	Marine Oil Terminal Engineering and Maintenance Standards
26	MOU	Memorandum of Understanding
27	MSC	Military Sealift Command
28	MSRC	Marine Spill Response Corporation
29	MTC	Metropolitan Transportation Commission
30	MTBE	Methyl Tertiary Butyl Ether
31	Mw	Moment Magnitude
32	NAAQS	National Ambient Air Quality Standards
33	NAS	Non indigenous Aquatic Species
34	NMFS	National Marine Fisheries Service
35	NOAA	National Oceanic and Atmospheric Administration
36	NOP	Notice of Preparation
37	NOS	National Ocean Service
38	NPDES	National Pollutant Discharge Elimination System
39	NRC	National Response Center
40	OCS	Outer Continental Shelf
41	OPA 90	Oil Pollution Act of 1990
42	OSC	On-Scene Coordinator
43	OSHA	Occupational Safety and Health Administration
44	OSPR	Office of Spill Prevention and Response
45	PCE	Passenger Car Equivalents
46	PFMC	Pacific Fisheries Management Council

1	POC	Precursor Organic Compounds
2	POLA	Port of Los Angeles
3	POLB	Port of Long Beach
4	PORTS	Physical Oceanographic Real Time System
5	PRC	Public Resources Code
6	PUC	Public Utilities Commission
7	RCRA	Resource Conservation and Recovery Act
8	RMP	Regional Monitoring Program
9	RMPLS	Richmond Marine-Link Pipeline System
10	ROG	Reactive Organic Gases
11	RNA	Regulated Navigational Area
12	RWQCB	Regional Water Quality Control Board
13	RSPA	Research and Special Programs Administration
14	RT	Radiographic
15	SF-RWQCB	San Francisco Regional Water Quality Control Board
16	SWRCB	State Water Resources Control Board
17	SIP	State Implementation Plan
18	SOLAS	Safety of Life at Sea
19	SPCC	Spill, Prevention Control and Countermeasures Plan
20	SJV	San Joaquin Valley
21	SJVH	San Joaquin Valley Heavy
22	SWPPP	Storm Water Pollution Prevention Plans
23	TBT	Tributyltin
24	TPIC	Terminal Person in Charge
25	TSS	Traffic Separation Scheme
26	UEL	Upper Exposure Limit
27	ULSD	Ultra-Low-Sulfur Diesel
28	USCG	U.S. Coast Guard
29	USDA	U.S. Department of Agriculture
30	USFWS	U.S. Fish and Wildlife Service
31	USGS	U.S. Geological Survey
32	UT	Ultrasonic
33	V/C	Volume to Capacity
34	VCS	Vapor Control System
35	VLCC	Very Large Crude Containers
36	VPIC	Vessel Person in Charge
37	VTC	Vessel Traffic Center
38	WCD	Worst-Case Discharge
39	WGCEP	Working Group on California Earthquake Probabilities
40	WQC	Water Quality Criteria
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Chemical Abbreviations

CO	Carbon Monoxide
L _{dn}	Day/night noise level
L _{eq}	Equivalent continuous sound level
L _{min}	Minimum noise level
L _{max}	Maximum noise level
NMHC	Non-methane Hydrocarbons
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxide
O ₃	Ozone
Pb	Lead
PM ₁₀	Particulate Matter
ROC	Reactive Organic Compound
ROG	Reactive Organic Gas
SO ₂	Sulfur Dioxide
VOC	Volatile Organic Compounds

Units of Measurement

bbl	Barrel
bpd	Barrels per day
bpy	Barrels per year
Btu	British thermal unit
dB	Decibel
dBA	Decibel on the A-weighted Scale
km	Kilometer
L _{dn}	Day-night average noise level
L _{eq}	Equivalent continuous sound level
m	Meter
MAF	Million acre feet per year
mcy	Million cubic yards
mgd	Million gallons per day
mg/kg	Milligrams per kilogram
mm/yr	Millimeters per year
mph	Miles per hour
nm	Nautical mile
ppb	Parts per billion
ppm	Parts per million
ppt	Parts per thousand
psi	Pounds per square inch
psu	Practical salinity units
ug/kg	Micrograms per kilogram
ug/L	Micrograms per liter